

National Library of Medicine - Medical Subject Headings

2007 MeSH

MeSH Descriptor Data

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MeSH Heading	Tretinoin
Tree Number	D02.455.326.271.665.202.495.818.500
Tree Number	D02.455.426.392.368.367.379.249.700.860.500
Tree Number	D02.455.849.131.495.818.800
Tree Number	D23.767.261.700.780
Scope Note	An important regulator of GENE EXPRESSION during growth and development, and in NEOPLASMS . Tretinoin, also known as retinoic acid and derived from maternal VITAMIN A , is essential for normal GROWTH ; and EMBRYONIC DEVELOPMENT . An excess of tretinoin can be teratogenic. It is used in the treatment of PSORIASIS ; ACNE VULGARIS ; and several other SKIN DISEASES . It has also been approved for use in promyelocytic leukemia (LEUKEMIA , PROMYELOCYTIC , ACUTE).
Entry Term	all-trans-Retinoic Acid
Entry Term	beta-all-trans-Retinoic Acid
Entry Term	Retin-A
Entry Term	Retinoic Acid
Entry Term	trans-Retinoic Acid
Entry Term	Tretinoin Potassium Salt
Entry Term	Tretinoin Sodium Salt
Entry Term	Tretinoin Zinc Salt
Entry Term	Vesanoid

Entry Term	Vitamin A Acid
See Also	<u>Receptors, Retinoic Acid</u>
Allowable Qualifiers	AA AD AE AG AI AN BL CF CH CL CS CT DU EC HI IM IP ME PD PH PK PO RE SD ST TO TU UR
Pharm. Action	<u>Antineoplastic Agents</u>
Pharm. Action	<u>Keratolytic Agents</u>
CAS Type 1 Name	Retinoic acid
Registry Number	302-79-4
Related Number	13497-05-7 (Na salt)
Related Number	22232-80-0 (K salt)
Related Number	75980-27-7 (Zn salt)
Previous Indexing	<u>Carotenoids (1969-1974)</u>
Previous Indexing	<u>Vitamin A (1966-1974)</u>
History Note	80(75); was see under VITAMIN A 1975-79
Date of Entry	19741111
Unique ID	D014212

MeSH Tree Structures

Organic Chemicals [D02]

Hydrocarbons [D02.455]

Hydrocarbons, Acyclic [D02.455.326]

Alkenes [D02.455.326.271]

Polyenes [D02.455.326.271.665]

Carotenoids [D02.455.326.271.665.202]

Retinoids [D02.455.326.271.665.202.495]

Vitamin A [D02.455.326.271.665.202.495.818]

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Organic Chemicals [D02]

Hydrocarbons [D02.455]

Hydrocarbons, Cyclic [D02.455.426]

Hydrocarbons, Alicyclic [D02.455.426.392]

Cycloparaffins [D02.455.426.392.368]

Cyclohexanes [D02.455.426.392.368.367]

Cyclohexenes [D02.455.426.392.368.367.379]

Carotenoids [D02.455.426.392.368.367.379.249]

Retinoids [D02.455.426.392.368.367.379.249.700]

Vitamin A [D02.455.426.392.368.367.379.249.700.860]

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Organic Chemicals [D02]

Hydrocarbons [D02.455]

Terpenes [D02.455.849]

Carotenoids [D02.455.849.131]

Retinoids [D02.455.849.131.495]

Vitamin A [D02.455.849.131.495.818]

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[D02.455.849.131.495.818.800]

Biological Factors [D23]

Pigments, Biological [D23.767]

Carotenoids [D23.767.261]

Retinoids [D23.767.261.700]

Acitretin [D23.767.261.700.050]

Etretinate [D23.767.261.700.250]

Fenretinide [D23.767.261.700.270]

Isotretinoin [D23.767.261.700.325]

Retinaldehyde [D23.767.261.700.690]

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Vitamin A [D23.767.261.700.860]

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